From: Yamada, Richard (Yujiro) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4C34A1E0345E4D26B361B5031430639D-YAMADA, YUJ]

Sent: 7/10/2018 7:56:30 PM

To: Hubbard, Carolyn [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2a93ce3245494318b109e87f7d826284-Hubbard, Carolyn]

CC: Block, Molly [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=60d0c681a16441a0b4fa16aa2dd4b9c5-Block, Moll]; Orme-Zavaleta, Jennifer

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=3c5a111dc377411595e5b24b5d96146b-Orme-Zavaleta, Jennifer]; Grantham,

Nancy [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=12a3c2ed7158417fb0bb1b1b72a8cfb0-Grantham, Nancy]

Subject: Re: FOR REVIEW: Interview request from PBS NewsHour

(This email contains predecisional and deliberative materials -do not cite or quote)

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Sent from my iPhone

On Jul 10, 2018, at 3:45 PM, Hubbard, Carolyn < Hubbard.Carolyn@epa.gov > wrote:

You could go with this-

Deliberative Process / Ex. 5

Carolyn Hubbard Communications Director EPA Office of Research and Development 202-564-2189

Personal Matters / Ex. 6

From: Yamada, Richard (Yujiro)
Sent: Tuesday, July 10, 2018 3:43 PM
To: Block, Molly block.molly@epa.gov>

Cc: Orme-Zavaleta, Jennifer < Orme-Zavaleta, Jennifer@epa.gov>; Grantham, Nancy

Subject: Re: FOR REVIEW: Interview request from PBS NewsHour

(This email contains predecisional and deliberative material - do not quote or cite)

Deliberative Process / Ex. 5

Sent from my iPhone

On Jul 10, 2018, at 2:52 PM, Block, Molly <block.molly@epa.gov> wrote:

Deliberative Process / Ex. 5

From: Orme-Zavaleta, Jennifer

Sent: Tuesday, July 10, 2018 2:51 PM

To: Block, Molly <block.molly@epa.gov>; Grantham, Nancy

<Grantham.Nancy@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>; Yamada,

Richard (Yujiro) <yamada.richard@epa.gov>

Subject: RE: FOR REVIEW: Interview request from PBS NewsHour

Deliberative Process / Ex. 5

Jennifer Orme-Zavaleta, PhD

Principal Deputy Assistant Administrator for Science

Office of Research and Development

US Environmental Protection Agency

Cell

RTP

From: Block, Molly

Sent: Tuesday, July 10, 2018 2:46 PM

To: Grantham, Nancy < Grantham. Nancy@epa.gov>; Hubbard, Carolyn

<Hubbard.Carolyn@epa.gov>; Yamada, Richard (Yujiro) <yamada.richard@epa.gov>

Cc: Orme-Zavaleta, Jennifer < Orme-Zavaleta.Jennifer@epa.gov> Subject: RE: FOR REVIEW: Interview request from PBS NewsHour

Deliberative Process / Ex. 5

From: Grantham, Nancy

Sent: Tuesday, July 10, 2018 2:44 PM

To: Hubbard, Carolyn < Hubbard. Carolyn@epa.gov >

Cc: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Block, Molly

<blook.molly@epa.gov>

Subject: Re: FOR REVIEW: Interview request from PBS NewsHour

Looping Molly

Sent from my iPhone

On Jul 10, 2018, at 2:42 PM, Hubbard, Carolyn < hubbard.Carolyn@epa.gov> wrote:

Deliberative Process / Ex. 5

Carolyn Hubbard Communications Director EPA Office of Research and Development 202-564-2189

Personal Matters / Ex. 6

From: Orme-Zavaleta, Jennifer **Sent:** Tuesday, July 10, 2018 2:42 PM

To: Hubbard, Carolyn < Hubbard. Carolyn@epa.gov>; Grantham, Nancy

<Grantham.Nancy@epa.gov>

Subject: FW: FOR REVIEW: Interview request from PBS NewsHour

Where things stand

Jennifer Orme-Zavaleta, PhD
Principal Deputy Assistant Administrator for Science
Office of Research and Development
US Environmental Protection Agency
Cell

Cell
DC Personal Matters / Ex. 6
RTP

From: Yamada, Richard (Yujiro)
Sent: Tuesday, July 10, 2018 2:39 PM

To: Hubbard, Carolyn < Hubbard. Carolyn@epa.gov >; Orme-Zavaleta,

Jennifer <Orme-Zavaleta.Jennifer@epa.gov>

Subject: Fwd: FOR REVIEW: Interview request from PBS NewsHour

Sent from my iPhone

Begin forwarded message:

From: "Block, Molly" < block.molly@epa.gov>

Date: July 10, 2018 at 2:32:44 PM EDT

To: "Hewitt, James" < hewitt.james@epa.gov>, "Abboud, Michael" < abboud.michael@epa.gov>, "Konkus, John" < konkus.john@epa.gov>, "Beach, Christopher" < beach.christopher@epa.gov>,

"Yamada, Richard (Yujiro)" <yamada.richard@epa.gov>

Subject: RE: FOR REVIEW: Interview request from PBS NewsHour

After some follow up with the reporter. She's filing her story for the science section tomorrow COB.

Hi Molly,

Thank you for the call. Here are my questions. I understand if Dr. Thayer cannot answer them all.

- In 2011, the National Academy of Sciences (NAS) evaluated a 2010 IRIS report on formaldehyde, citing several problems. How have those problems been addressed in the new formaldehyde report?
- There is evidence the <u>new report has been</u> <u>ready since before January 2018</u>, yet no draft has been released. What is the delay?
- Are the findings in the new report different from the 2010 report?
- Is there a scientific consensus on a causal link between formaldehyde exposure and leukemia? What about other cancers?
- Is the average person exposed to harmful levels of formaldehyde? What about those who work with formaldehyde for chemical synthesis, embalming, etc...?
- Has IRIS or the EPA reached out to the NAS for a review of the new report?
- NAS recently reported improvements in the IRIS program. Which NAS recommendations have been most successful, and which recommendations are still being worked on?
- The American Chemistry Council is <u>critical of the</u> 2010 formaldehyde report. What does IRIS think about these criticisms?

Best, Amanda

Amanda Grennell, PhD

Ex. 6 @amandagrennell amandagrennell wordpress.com

From: Block, Molly

Sent: Tuesday, July 10, 2018 1:32 PM

To: Hewitt, James hewitt.james@epa.gov">hewitt.james@epa.gov; Abboud, Michael hewitt.james@epa.gov; Konkus, John hewitt.james@epa.gov; Konkus, John hewitt.james@epa.gov; Konkus, John hewitt.james@epa.gov; Konkus, John hewitt.james@epa.gov; Beach, Christopher heach.christopher@epa.gov; Yamada, Richard

(Yujiro) < yamada.richard@epa.gov>

Subject: FOR REVIEW: Interview request from PBS

NewsHour

Deliberative Process / Ex. 5

From: Thayer, Kris

Sent: Tuesday, July 10, 2018 11:58 AM

To: Hubbard, Carolyn < <u>Hubbard.Carolyn@epa.gov</u>> **Cc:** Champlin, Anna < <u>Champlin.Anna@epa.gov</u>>;

Bahadori, Tina < Bahadori, Tina@epa.gov>

Subject: FW: Interview request from PBS NewsHour

Carolyn,

How do we want to handle this?

From: Amanda Grennell

[mailto:agrennell@newshour.org]

Sent: Tuesday, July 10, 2018 11:43 AM

To: Thayer, Kris < thayer.kris@epa.gov>

Subject: Interview request from PBS NewsHour

Dear Dr. Thayer,

I am a science journalist at PBS NewsHour pursuing a story about the upcoming EPA IRIS report on formaldehyde.

I spoke with Dr. Jonathan Samet, chair of the NAS committee that evaluated the 2011 IRIS report on formaldehyde as well as NAS reports on improvements within IRIS. He recommended that I speak with you.

Do you have time for a ~15 minute interview today or tomorrow?

Thank you in advance.

Best regards, Amanda

Amanda Grennell, PhD

AAAS Mass Media Fellow, PBS NewsHour

Ex. 6 @amandagrennell

amandagrennell.wordpress.com